

REMARKS**Status of the Claims**

Claim 138 has been amended to incorporate the limitation of claim 139. Claim 139 is canceled. Dependent claims previously depending on claim 139 are amended to now depend on claim 138. No new matter has been entered. Entry and reconsideration are respectfully requested.

In the interest of expediting this application, the Applicant has placed all of the pending claims in allowable form by rewriting claim 138 to incorporate the limitations of claim 139. The Patent Office has indicated that such a claim is allowable.

Claims Objected To

The Patent Office indicated that claims 139, 142-146 and 153-157 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claims and any intervening claims.

Double Patenting Rejection

The Patent Office rejected claims 138, 140, 141 and 147-152 under the judicially created doctrine of obviousness-type double patenting as being unpatentable over claims 1-8 of U.S. Patent No. 5,922,005 and/or over claims 1-3 of U.S. Patent No. 6,692,522 B1.

In view of the above amendments, this rejection is now moot. Accordingly, the rejections under the judicially created doctrine of obviousness-type double patenting should be withdrawn.

Corrected PTO-1449

The Applicant also submits herewith a PTO-1449 which corrects typographical errors in the Information Disclosure Statement filed May 4, 2005.

In the May 4, 2005 IDS, Japanese Unexamined Patent Publication No. 63-230158 and English Abstract; and; Japanese Unexamined Patent Publication No. 62-231657 and English Abstract; were provided to the Patent Office.

These references have been made part of the Imaged File Wrapper and are believed to have been considered by the Patent Office. However, these two Japanese

Unexamined Patent Publication Nos. are incorrectly listed on the PTO-1449 supplied with that IDS. Specifically, the pre-fixes 62 and 63 were transposed in the last two items listed on the PTO-1449 under 'OTHER DOCUMENTS.'

While the correct references were provided for disclosure to the Patent Office and are believed to have been subsequently considered by the Patent Office, as indicated by the initialing of the PTO-1449, the PTO-1449 incorrectly documents the provided and considered references.

Accordingly, the Applicant provides herewith a supplemental PTO-1449 which properly references these previously submitted Japanese Unexamined Patent Publications. The Applicant requests entry of this supplemental PTO-1449 and return of an initialed copy of the supplemental PTO-1449 in order to ensure that the references provided to and considered by the Patent Office are documented on the patent to issue for this patent application.

Additional Submission of Art

An Information Disclosure Statement providing additional art for the consideration of the Patent Office in conjunction with this application is also submitted along with permission to charge deposit account **13-4500** for the requisite fee.

CONCLUSION

Based on the foregoing amendments and remarks, Applicant respectfully requests reconsideration and withdrawal of the rejection of claims and allowance of this application.

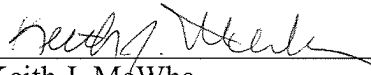
AUTHORIZATION

The Commissioner is authorized to charge any fees which may be required for consideration of this Amendment to Deposit Account No. **13-4500**, Order No. 4303-4104US6.

In the event that an extension of time is required, or which may be required in addition to that requested in a petition for an extension of time, the Commissioner is requested to grant a petition for that extension of time which is required to make this response timely and is hereby authorized to charge any fee for such an extension of time or credit any overpayment for an extension of time to Deposit Account No. **13-4500**, Order No. 4303-4104US6.

Respectfully submitted,
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Dated: April 19, 2006

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